

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

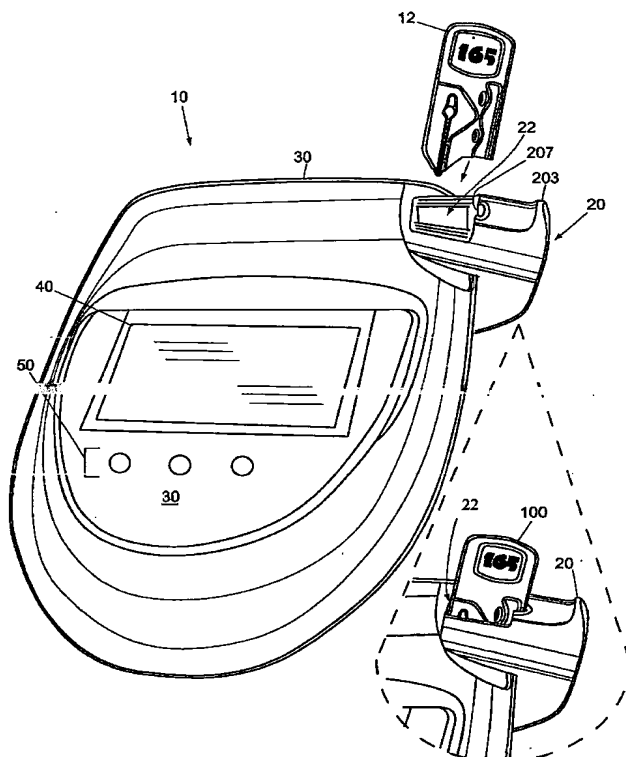
PCT

(10) International Publication Number
WO 2005/054811 A2

- (51) International Patent Classification⁷: **G01N**
- (21) International Application Number:
PCT/US2004/039735
- (22) International Filing Date:
26 November 2004 (26.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/525,312 26 November 2003 (26.11.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR ULTRASONIC DETERMINATION OF HEMATOCRIT AND HEMOGLOBIN CONCENTRATIONS



(57) Abstract: An ultrasonic field-portable system for accurately measuring hematocrit (HCT) and hemoglobin concentration (HGB) in small blood samples. The system includes an analyzer (10) that allows extremely accurate measurements of blood hematocrit from only one or two drops of blood collected in a disposable sampling device (12) that is then inserted into the analyzer (10). The system is compact enough to package into a point of care device, making it a point of care device with accuracy comparable to larger CBC lab equipment.



GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

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